

47

PATENT  
Customer No. 22,852  
Attorney Docket No. 03626.0034-14000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Bruce E. Novich et al. ) Group Art Unit: 1771  
)  
Application No.: 09/620,526 ) Examiner: (Unassigned)  
)  
Filed: July 20, 2000 )  
)  
For: IMPREGNATED GLASS FIBER ) Confirmation No.: 2610  
STRANDS AND PRODUCTS )  
INCLUDING THE SAME )

**Mail Stop Petition**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PETITION FOR REVIVAL OF AN APPLICATION FOR APPLICATION  
UNAVOIDABLY ABANDONED UNDER 37 C.F.R. § 1.137(a)**

The above-identified application became abandoned for failure to reply to the Notice to File Missing Parts ("Notice") dated September 27, 2000, having a period for response set to expire on April 27, 2001. Applicants did not receive the Notice until April 1, 2004, and, thus, could not and did not reply to the Notice.

Applicants hereby petition for revival of this application, the abandonment date of which is November 28, 2000 (i.e., the day after the expiration date of the period set for response plus any extensions of time obtained therefore), for the purpose of responding to the Notice. The documents that are required by the Notice are enclosed herewith.

1. Petition fee of \$110.00 (37 CFR § 1.17(l));

04/06/2004 MGBREM1 00000008 09620526

02 FC:1452

110.00 DP

2. Executed Declaration of Rosemarie Grech in Support of Applicants' Petition to Revive Under 37 CFR § 1.137(a) (2 pages);
3. Copy of computer generated docket report from PPG Industries, Inc.
4. Copy of the Status Inquiry and date-stamped postcard received by the U.S. Patent and Trademark Office ("USPTO") on January 22, 2001;
5. Copy of the Notice of Abandonment Under 37 CFR § 1.53(f) OR (g) dated February 5, 2004;
6. Response to Notice to File Missing Parts;
7. Copy of the Notice to File Missing Parts Under 37 CFR § 1.53(b) dated September 27, 2000, which was recently sent by the USPTO at the undersigned's request;
8. Executed Declaration/Power of Attorney (3 pages); and
9. Declaration surcharge of \$130.00.

The delay caused by the abandonment of the application was unavoidable as defined in 37 C.F.R. 1.137(a). As stated above, Applicants did not receive the Notice until April 1, 2004, well after the period for response had passed and, thus, could not and did not file the required Declaration and surcharge in a timely manner.

Specifically, upon an absence of communication from the U.S. Patent and Trademark Office following the receipt on December 1, 2000, of a Filing Receipt dated October 20, 2000, of the present application, Applicants filed a Status Inquiry (copy enclosed), which was received by the USPTO on January 22, 2001, requesting that Applicants be informed of the status of the application and asking when further action could be expected. The Status Inquiry indicated that "[t]he only correspondence Applicant received in this application was a Filing Receipt, which was received on December 1, 2000." The Status Inquiry was filed approximately four (4) months after

the date of the Notice, which had not been received by Applicants. To this end, Applicants also submit the enclosed Declaration in Support of Applicants' Petition to Revive Under 37 CFR § 1.137(a). This Declaration provides further evidence that Applicants did not receive any Notice.

Following submission of the Status Inquiry, Applicants did not receive any communication from the USPTO until the Notice of Abandonment was received on February 5, 2004, nearly four (4) years after the application filing date. This was the first indication of any defect in the current application that the USPTO provided to Applicants.<sup>1</sup> Indeed, Applicants did not receive the actual Notice until a facsimile containing a copy was received on April 1, 2004, after a request made at the direction of the undersigned to enable a complete response to the Notice.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

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<sup>1</sup> The fact that Applicants were unaware of any defect can be further demonstrated by papers that were subsequently filed in the USPTO including a Preliminary Amendment mailed February 1, 2001, an Information Disclosure Statement mailed April 5, 2001 and a Supplemental Information Disclosure Statement mailed May 18, 2001. The papers indicate that Applicants fully intended to continue prosecution of this application.

Should the Office deny this Petition under 37 CFR § 1.137(a), Applicants request that this paper be considered as a Petition under 37 CFR § 1.137(b) to revive due to unintentional abandonment.

If there are any other fees due in connection with the filing of this Petition and Response, including any fees required for an extension of time under 37 CFR § 1.136 and a Petition to Revive Under 37 CFR § 1.17(m), then such an extension and/or petition is requested, and the Commissioner is authorized to charge any related fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: April 2, 2004

By:



Mark D. Sweet  
Reg. No. 41,469



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3626.0034-14

In re Application of: : PATENT APPLICATION  
: :  
BRUCE E. NOVICH, et al. : :  
: :  
Serial No. 09/620,526 : Group Art Unit: 1771  
: :  
Filed: July 20, 2000 : Examiner:  
: :  
For: IMPREGNATED GLASS FIBER STRANDS: Attorney Docket: 1596C3  
AND PRODUCTS INCLUDING THE :  
SAME :  
\_\_\_\_\_

STATUS INQUIRY

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

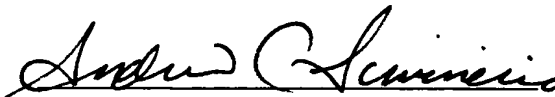
Please advise Applicant of the status of the above-identified application.

The only correspondence Applicant received in this application was a Filing Receipt, which was received on December 1, 2000.

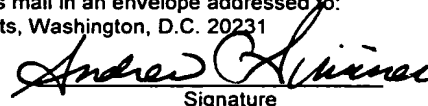
It is respectfully requested that Applicants be informed as to the status of the above-identified application and when further action thereon can be expected.

Respectfully submitted,

ANDREW C. SIMINERIO, ESQ.  
Registration No. 30,803  
Attorney of Record

  
Telephone No. (412) 434-4645

January 16, 2001  
Pittsburgh, Pennsylvania

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231	
on <u>January 16, 2001</u> Date	 Signature
<u>Andrew C. Siminerio</u> Typed or Printed Name of Person Signing Certificate	



631 - Rev. 4-93

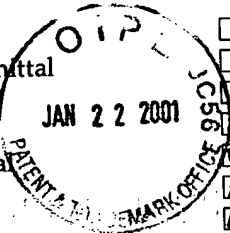
Serial No. 09/620526 Case No. 15916L3 By ACS:KL Filed 7-21-2000

In re Application of Bruce E Novich et al.

Title Impregnated Glass Fiber Strands and Products

The stamp of the Patent Office herein, may be taken as acknowledging the receipt on the date stamped, of the following: including the same

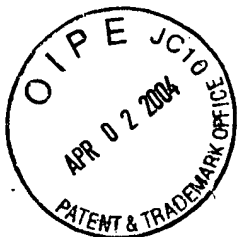
- |   |   |
|---|---|
| <input type="checkbox"/> Affidavit                | <input type="checkbox"/> Power of Attorney                                |
| <input type="checkbox"/> Amendment                | <input type="checkbox"/> Declaration                                      |
| <input type="checkbox"/> Application Papers       | <input type="checkbox"/> Preliminary Statement                            |
| <input type="checkbox"/> Assignment/Form PTO 1595 | <input type="checkbox"/> Request for Filing Application under 37 CFR 1.60 |
| <input type="checkbox"/> Brief                    | <input type="checkbox"/> PCT Request/Fee Sheet                            |
| <input type="checkbox"/> Communication            | <input type="checkbox"/> ..... Sheet(s) of Drawings                       |
| <input type="checkbox"/> Letter of Transmittal    | <input type="checkbox"/> ..... Pages of Specification                     |
| <input type="checkbox"/> IDS/Form 1449            | <input type="checkbox"/> ..... Claims                                     |
| <input type="checkbox"/> Motion                   | <input type="checkbox"/> Applicable Fees \$.....                          |
| <input type="checkbox"/> Notice of Appeal         | <input checked="" type="checkbox"/> Charge Dep. Acct. 16-2025             |
| <input type="checkbox"/> Oath                     | <input checked="" type="checkbox"/> <u>Status Inquiry</u>                 |
| <input type="checkbox"/> Petition                 | <input type="checkbox"/> .....  |
| <input type="checkbox"/> Abstract of Disclosure   | <input type="checkbox"/> .....  |



**UNITED STATES PATENT & TRADEMARK OFFICE**  
Washington, D.C. 20231

REQUEST FOR PATENT FEE REFUND											
1 Date of Request: <u>6/3/04</u>		2 Serial/Patent # <u>09/620,526</u>									
3 Please refund the following fee(s):		4 PAPER NUMBER	5 DATE FILED	6 AMOUNT							
	Filing			\$							
	Amendment			\$							
	Extension of Time			\$							
	Notice of Appeal/Appeal			\$							
<input checked="" type="checkbox"/>	Petition	7	4/2/04	\$ 110							
	Issue			\$							
	Cert of Correction/Terminal Disc.			\$							
	Maintenance			\$							
	Assignment			\$							
	Other			\$							
		7 TOTAL AMOUNT OF REFUND		\$ 110							
		8 TO BE REFUNDED BY:									
10 REASON:		Treasury Check									
	Overpayment	<input checked="" type="checkbox"/>	Credit Deposit A/C #:								
	Duplicate Payment		9 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">0</td><td style="width: 20px; text-align: center;">6</td><td style="width: 20px; text-align: center;">--</td><td style="width: 20px; text-align: center;">0</td><td style="width: 20px; text-align: center;">9</td><td style="width: 20px; text-align: center;">1</td><td style="width: 20px; text-align: center;">6</td></tr></table>		0	6	--	0	9	1	6
0	6	--	0	9	1	6					
<input checked="" type="checkbox"/>	No Fee Due (Explanation):										
Notice vacated											
11 REFUND REQUESTED BY: <u>C. Donnell</u>											
TYPED/PRINTED NAME: <u>C. Donnell</u>		TITLE: <u>Pet. Atty</u>									
SIGNATURE: <u>C. P. Donnell</u>		PHONE: <u>306-5589</u>									
OFFICE: <u>4700</u>											
***** THIS SPACE RESERVED FOR FINANCE USE ONLY: *****											
APPROVED: <u><i>Alicia Kell</i></u>		DATE: <u>6/3/04</u>									

*Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:*



PATENT  
Attorney Docket No. 1596C3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bruce D. NOVICH et al.

Application No.: 09/620,526

Filed: July 20, 2000

For: IMPREGNATED GLASS FIBER  
STRANDS AND PRODUCTS  
INCLUDING SAME

)  
)  
) **ATTN: Office of Petitions**  
)  
) Group Art Unit: 1771  
)  
) Examiner: not yet assigned  
)  
)  
)

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**DECLARATION IN SUPPORT OF APPLICANTS'  
PETITION TO REVIVE UNDER 37 C.F.R. § 1.137(a)**

I, Rosemarie Grech, declare as follows:

1. I am in charge of docketing for U.S. patent applications at PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272. I submit this declaration in support of Applicants' Petition for revival of this application for unavoidably abandoned under 37 C.F.R. § 1.137(a).
2. I have been in charge of docketing for U.S. patent applications at PPG Industries, Inc., for 7 years. Based on this experience, I am personally familiar with the procedures by which mail from the U.S. Patent and Trademark Office ("USPTO") is received and docketed at PPG Industries, Inc. Under these procedures, all mail from the USPTO is forwarded to me, where the application number indicated on the mail from the USPTO



Application No. 09/620,526  
Attorney Docket No. 1596C3

is matched with a PPG docket number. The subject of the mail from the USPTO as well as the response date is then entered in a computerized docketing database.

3. I have personally reviewed the docketing database for Application No. 09/620,526, a copy of which is attached, and found no record of receipt of any Notice to File Missing Parts, particularly a Notice to File Missing Parts mailed September 27, 2000. Given the procedures by which mail from the USPTO is recorded in the docketing database, the absence of any record of receipt of any document dated September 27, 2000, bearing Application No. 09/620,526 indicates that the subject Notice to File Missing Parts was not received by PPG Industries, Inc.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Respectfully submitted,

Dated: March 30, 2004

By: Rosemarie Grech  
Rosemarie Grech  
Docketing, U.S. Applications  
PPG Industries, Inc.

**Country Application**

Tuesday, March 30, 2004

Page: 1

Case Number: 1596C3

SBU: Fiber Glass-ESM

Case Type: CON

Application Number: 09/620526

Publication Number:

Patent Number:

Parent/PCT Number:

Parent Issue Number:

Agent: FINN

FINNEGAN HENDERSON FARABOW ... PTA: 0

Agent Reference No.: 0034-14000

Location:

Box Number:

Date Sent:

Remarks: RCY

XR 1596A1

All of the family files were sent to Finnegan in DC by Nadine.

Country: US

SubCase:

United States of America

Application Status: Pending

Filing Date: 20-Jul-2000

Publication Date:

Issue Date:

Parent/PCT Date :

Parent Issue Date :

Expiration Date:

Tax Schedule: LE

Confirmation #:

Date Destroyed:

Tax Start Date:

**List Of Actions**

Action(s) Due	Due Date	Action Taken
Foreign Filing Reminder	30-Jan-2000	Due Date 28-Jul-2000
Foreign Filing Due	30-Jul-2000	Final 28-Jul-2000
Information Disclosure Stmt	20-Oct-2000	Due Date 05-Apr-2001
Application Status Check	20-Jan-2002	Due Date

**Cost Tracking**

Type of Cost	Payment Date	Net Cost
Filing	20-Jul-2000	1,416.00
ReviEW	17-Mar-2002	540.00

1,956.00

2 Payments Totaling:

User ID: crp0597

Date Created: 19-Jul-2000

Last Update: 18-Mar-2002





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/620,526	07/20/2000	Bruce E. Novich	1596C3

PPG Industries Inc  
 One PPG Place  
 Pittsburgh, PA 15272



RECEIVED

APR 08 2004

OFFICE OF PETITIONS

CONFIRMATION NO. 2610

ABANDONMENT/TERMINATION  
LETTER

\*OC000000011832994\*

Date Mailed: 02/05/2004

## NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 09/27/2000.

- No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

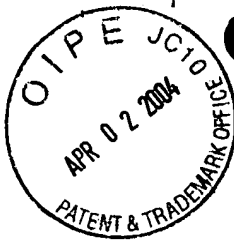
*A copy of this notice **MUST** be returned with the reply.*

K. Lee

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



*Handwritten signature*

PATENT  
Customer No. 22,852  
Attorney Docket No. 03626.0034-14000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Bruce E. Novich et al.

Application No.: 09/620,526

Filed: July 20, 2000

For: IMPREGNATED GLASS FIBER  
STRANDS AND PRODUCTS  
INCLUDING THE SAME

)  
)  
) Group Art Unit: 1771  
)  
) Examiner: (Unassigned)  
)  
)  
) Confirmation No.: 2610  
)  
)

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

APR 08 2004

**OFFICE OF PETITIONS**

Sir:

**RESPONSE TO NOTICE TO FILE  
MISSING PARTS OF APPLICATION**

In response to the communication of September 27, 2000, Applicants submit a Declaration/Power of Attorney for filing in this application, the required fee of \$130.00, and a copy of the Notice of Missing Parts.

Please associate the enclosed declaration with the application, grant any extensions of time required to enter this response, and charge any additional required fees to our Deposit Account No. 06-0916.

Adjustment date: 06/03/2004 AKELLEY  
04/06/2004 NGBREN1 00000008 09620526  
02 FC:1452 -110.00 OP  
Repln. Ref: 06/03/2004 AKELLEY 0009154100  
DAH:060916 Name/Number:09620526  
FC: 9204 \$110.00 CR

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: 

Mark D. Sweet  
Reg. No. 41,469

Dated: April 2, 2004



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/620,526	07/20/2000	Bruce E. Novich	1596C3

PPG Industries Inc  
One PPG Place  
Pittsburgh, PA 15272



RECEIVED

APR 08 2004

FORMALITIES LETTER



\*OC000000005430848\*

OFFICE OF PETITIONS

Date Mailed: 09/27/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

04/06/2004 MGE BREM1 00000008 09620526

01\_FC:1051

130.00 0P

## DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)  
1596C3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**IMPREGNATED GLASS FIBER STRANDS AND PRODUCTS INCLUDING THE SAME,**

the specification of which is attached hereto unless the following box is checked:

☒ was filed on July 20, 2000 as United States Application Number or PCT International Application Number 09/620,526 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application(s)

<u>PCT/US99/21442</u> (Number)	<u>WO</u> (Country)	<u>08 October 1999</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>PCT/US99/21443</u> (Number)	<u>WO</u> (Country)	<u>08 October 1999</u> (Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<u>60/133,075</u> (Application Number)	<u>May 7, 1999</u> (Filing Date)
<u>60/133,076</u> (Application Number)	<u>May 7, 1999</u> (Filing Date)
<u>60/136,110</u> (Application Number)	<u>May 26, 1999</u> (Filing Date)
<u>60/146,337</u> (Application Number)	<u>July 30, 1999</u> (Filing Date)
<u>60/146,605</u> (Application Number)	<u>July 30, 1999</u> (Filing Date)
<u>60/146,862</u> (Application Number)	<u>August 3, 1999</u> (Filing Date)
<u>60/183,562</u> (Application Number)	<u>February 18, 2000</u> (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>09/568,916</u> (Application Number)	<u>May 11, 2000</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/548,379</u> (Application Number)	<u>April 12, 2000</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/527,034</u> (Application Number)	<u>March 16, 2000</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/170,578</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/130,270</u> (Application Number)	<u>August 6, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/034,525</u> (Application Number)	<u>March 3, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/170,780</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)

<u>09/170,781</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/170,579</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/034,663</u> (Application Number)	<u>March 3, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/170,566</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/170,565</u> (Application Number)	<u>October 13, 1998</u> (Filing Date)	<u>Pending</u> (Status - patented, pending, abandoned)
<u>09/034,077</u> (Application Number)	<u>March 3, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/034,078</u> (Application Number)	<u>March 3, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)
<u>09/034,056</u> (Application Number)	<u>March 3, 1998</u> (Filing Date)	<u>Abandoned</u> (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Linda Pingitore, Esq.  
Registration No. 30,414

Andrew C. Siminerio, Esq.  
Registration No. 30,803

Mark D. Sweet, Esq.  
Registration No. 41,469

Thomas L. Irving, Esq.  
Registration No. 28,619

Address all telephone calls to **ANDREW C. SIMINERIO** at telephone number (412) 434-4645.

Address all correspondence to: PPG INDUSTRIES, INC.  
Intellectual Property Department  
One PPG Place  
Pittsburgh, Pennsylvania 15272

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name):

Inventor's signature: Bruce E. Novich  
Residence: Pittsburgh, Pennsylvania, United States of America  
Post Office Address: 1035 Highmont Road  
Pittsburgh, Pennsylvania 15232

**Bruce E. Novich**  
Date: 8-31-00  
Citizenship: United States

Full name of second joint inventor, if any (given name, family name):

Second Inventor's signature: Kami Lammon-Hilinski  
Residence: Pittsburgh, Pennsylvania, United States of America  
Post Office Address: 1218 Monterey Street  
Pittsburgh, Pennsylvania 15212

**Kami Lammon-Hilinski**  
Date: 9/28/2000  
Citizenship: United States

Full name of third joint inventor, if any (given name, family name):

Third Inventor's signature: Walter J. Robertson  
Residence: Pittsburgh, Pennsylvania, United States of America  
Post Office Address: 28 Shannopin Drive  
Pittsburgh, Pennsylvania 15202

**Walter J. Robertson**  
Date: 9/8/00  
Citizenship: United States

Full name of fourth joint inventor, if any (given name, family name):

Fourth Inventor's signature: Xiang Wu  
Residence: Littleton, Colorado, United States of America  
Post Office Address: 1667 East Jamison Place  
Littleton, Colorado 80122

**Xiang Wu**  
Date: Oct 10, 2000  
Citizenship: United States

☒ Additional inventors are being named on separately numbered sheets attached hereto.

Full name of fifth joint inventor, if any (given name, family name):

Fifth Inventor's signature

Residence: Monroeville, Pennsylvania, United States of America

Post Office Address: 230 Old Haymaker Road  
Monroeville, Pennsylvania 15146

Vedagiri Velpari

Date Sep. 8, 2000

Citizenship: United States

Full name of sixth joint inventor, if any (given name, family name):

Sixth Inventor's signature

Residence: Clemmons, North Carolina, United States of America

Post Office Address: 3432 Kilcash Drive  
Clemmons, North Carolina 27012

Ernest L. Lawton

Date Sept. 21, 2000

Citizenship: United States

Full name of seventh joint inventor, if any (given name, family name):

Seventh Inventor's signature

Residence: Clemmons, North Carolina, United States of America

Post Office Address: 2855 Gray Moss Drive  
Clemmons, North Carolina 27012

William B. Rice

Date Sept. 22, 2000

Citizenship: United States